

ABSTRACT

An electronic device controller includes an image sensor controller that controls an image sensor having an effective pixel region and a dummy pixel region, and a servo controller that performs servo control on a drive device that drives a carriage on which the image sensor is mounted. The servo controller performs the servo control based on servo control information (for speed control, initial position detection) read by some or all of the dummy pixel region of the image sensor. Alternatively, the servo control may be performed based on servo control information read by one or more separate sensors mounted on the carriage with the image sensor. Moreover, speed servo control may be performed according to speed control ranges based on servo control information for each speed range.